BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE, BYATRAYANAPURA DIVISION

Name of the work: **Improvements to roads and drains of Kodigehalli A.K. Colony in ward no. 8 kodigehalli**

							Estimate Cost: Rs.		7500000.00
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction (P.47, I. 9.4)								
	Basic Rate	1882.00							
	Area Weightage 3%	56.46							
	Total	1938.46							
		Each	2				2.00	1938.46	3877.00
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) Page no. 46 / I. 9.1 PRED SR 2012-13								
	Basic Rate	306.00							
	Area Weightage 3%	9.18							
	Total	315.18							
3	0 to 50 m	Rm	2	50.00			100.00	315.18	31518.00
4	Basic Rate	400.00							
	Area Weightage 3%	12.00							
	Total	412.00							
	50 to 100 m	Rm	2	50.00			100.00	412.00	41200.00
5	Basic Rate	445.00							
	Area Weightage 3%	13.35							
	Total	458.35							
	100 to 150 m	Rm	2	50.00			100.00	458.35	45835.00
6	Basic Rate	470.00							
	Area Weightage 3%	14.10							
	Total	484.10							
	150 to 200 m	Rm	2	50.00			100.00	484.10	48410.00
7	Basic Rate	544.00							
	Area Weightage 3%	16.32							
	Total	560.32							
	200 to 250 m	Rm	2	50.00			100.00	560.32	56032.00
8	Basic Rate	583.00							
	Area Weightage 3%	17.49							
	Total	600.49							
	251 to 300 m	Rm	2	50.00			100.00	600.49	60049.00
9	Basic Rate	622.00							
	Area Weightage 3%	18.66							
	Total	640.66							
	300 to 350 m	Rm	2	50.00			100.00	640.66	64066.00

	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Basic Rate	677.74							
	Area Weightage 3%	20.33							
	Total	698.07							
	350 to 375 m	Rm	2	25.00			50.00	698.07	34904.00
11	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) SE PRED III NO 84								
		Rm	2	54.00			108.00	1325.00	143100.00
12	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of acquirements and testing complete as per specifications. - 250mm dias. (Page No. 90, Item No. 12.116.5, PWD SR 2018-19)								
	Basic Rate	2052.00							
	Area Weightage 6%	123.12							
	Total	2175.12							
		Rm	2	12.00			24.00	2175.12	52203.00
13	Providing MS Casing pipe collars page no III it no 86 pred 12-13 sr								
		No.	2	9			18.00	150.00	2700.00
14	Providing 175mm dia ms casing cap page no III it no 85 pred 12-13 sr								
		No.	2				2.00	100.00	200.00
15	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings (Sl No. 49, Page No. XLII, PWDSR 2018-19)								
	17.5 HP 30 Stage	Unit	2				2.00	72126.00	144252.00
16	KSRB13-3.1: Providing and fixing to wall celling and floor glavanised/ mild steel tubes (medium grade 1.27 kg /mt) B class 50 mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. (Page 92, Item No 13.6, PWDSR 2018-19)								
	Basic rate	512.00							
	6% AW	30.72							
	Sub Total	542.72							
		Rm	2	320.0			640.00	542.72	347341.00
17	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and Powder coated extrued PVC sheathed suitable for working voltage upto 1100 Volts as per IS - 694 ; 1990 AND CONFORMING TO gtp OFGROUP A P. No. 12/ I No. (2.10.4) 3cx 6.0 Sqm KPWD Electrical SR 2014-15								
		Rm	2	640.00			1280.00	188.70	241536.00
18	Labour charges for erection of new / repaired submersible pumpset along with gi pipes inculding transportion each length pno 558 ino 3 bwssb sr 14-15								
		No.	2	50.00			100.00	88.00	8800.00
19	Supplying and flush polished wood board with out front frount plank made of not less than 15mm thick plank after due groove cutting Finishing with necessary on fixing the same to the wall using tapered inverted wooden plugs screws etc. P No. 44No 6.6.6 KPWD Electrical SR 2014-15								
		Each	2				2.00	302.00	604.00

	Description	Unit	No.	L	B	D	Qty	Rate	Amount
20	Supplying of 1.1 KV LT UG cable having aluminium condutor PVC insulated shethed, EXTRUDED INNER SHEATHRD galvnised steel,stirp confirming IS 3975;1990 AND extruded PVC outer sheathing armoured cable IS 1554 part 1;1998 and confirming to GTP of group.P No.55/ I No.7.4.4 (4 core 16 Sqmm) KPWD Electrical SR 2014-15								
		Rm	2	35.00			70.00	140.40	9828.00
21	Labour charges for laying of 1.1 K.V class UG cable, P No. 61 / I No. 7.8.1 In existing trencg/duct 6Sqmm to 16 Sqmm) KPWD Electrical SR 2014-15								
		Rm	2	35.00			70.00	10.80	756.00
22	Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., completeP No. 62/ I. No.7.9.4 KPWD Electrical SR 2014-15								
	For Cutting Road Surface aspalt	Rm	2	30.00			60.00	117.00	7020.00
23	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class P. No. 62/ I No.7.12.1 KPWD Electrical SR 2014-15								
	40mm dia GI pipe	Rm	2	3.00			6.00	345.00	2070.00
24	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., P. No.62/ I No. 7.13.2 KPWD Electrical SR 2014-15								
	16Sqmm	No.	2				2.00	280.00	560.00
25	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, (P No.55 I No. 7.1) KPWD Electrical SR 2014-15								
		No.	2				2.00	2727.00	5454.00
26	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... P No44/I No 6.7.4 KPWD Electrical SR 2014-15								
	100 Amps								
		Each	2	3			6.00	360.00	2160.00
27	Supplying and fixing of heavy duty glands for ug cable 1.1 kv etc., complete.... P No62 I No 7.14.2 KPWD Electrical SR 2014-15								
	25mm dia								
		Each	2	6			12.00	86.00	1032.00
28	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 32 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications pno 47 IT 6.16.5 KPWD Electrical SR 2014-15								
		Each	2				2.00	1547.00	3094.00
29	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs.0.33 P.No. 49, I. No.6.40.2 KPWD Electrical SR 2014-15								
	16SWG	Sqmm	4	220.00	60.00		52800		
		Sqmm	2	450.00	25.00		22500		
		Sqmm					75300	0.33	24849.00

	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	KSRB 13-7.1-4: Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications NO KBS 13.2.16 / 13.13 (Page No.97 Item No. 13.81.3, PWD SR 2018-19)								
	Basic rate	1330.00							
	6% AW	79.80							
	Sub Total	1409.80							
		Each	2				2.00	1409.80	2820.00
31	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. (P. No.97, I. No. 13.81.3 PWD SR 2018-19)								
	Basic rate	210.00							
	6% AW	12.60							
	Sub Total	222.60							
	50mm dia	No.	2	2.00			4.00	222.60	890.00
32	Gate value 50 mm nominal bore gun metal (P. No.XXVI Sl No. 661 PWD SR 2018-19)								
	50mm dia	No.	2	3.00			6.00	1398.31	8390.00
33	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. PRED Bangalore Circle SE Approved Date [illegible]								
		No.	2				2	10000.00	20000.00
34	Earth work excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches, 1.5m and above in width, in ordinary soil, exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with all lead upto 50m after breaking of clods complete as per specifications.(P.No.6, I.No.2.1, PWD SR 2018-19)								
	Basic rate	249.00							
	6% AW	14.94							
	Sub Total	263.94							
		cum	2	40.00	0.75	0.90	54.00		
		cum					54.00	263.94	14253.00
35	KSRRB M2100-9. Sand Filling in Foundation Trenches as per Drawing & Technical SpecificationMORTH Specification No. 304. (PWDSR 2018-19, P.7, I.2.13)								
	Basic rate	2060.00							
	6% AW	123.60							
	Sub Total	2183.60							
		cum	2	40.00	0.75	0.15	9.00		
		cum					9.00	2183.60	19652.00
36	KSRB13-9.3 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 50mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.2 / 13.9 (Page no.96, Item No.13.73.1, PWD SR 2018-19)								
		Rm	2	40.00			80.00		
	Basic Rate	235.00					80.00	249.10	19928.00
	Area Weightage @ 6%	14.10							
	Total	249.10							

	Description	Unit	No.	L	B	D	Qty	Rate	Amount
7	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (Page No.6, Item No. 2.11 PWD SR 2018-19)								
	Basic rate	76.00							
	6% AW	4.56							
	Sub Total	80.56							
	From Pipe line excavation	cum					54.00		
	Deduct from item no. 33	cum					-9.00		
		cum					45.00	80.56	3625.00
38	BESCOM Deposit	L/S	2				2	13000.00	26000.00
39	KSRRB 300-2 : Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3 (Page No. 143, Item No. 19.2, PWDSR 2018-19)								
	RCC drain	Cum				av.			
	Kodigehalli cross road towards school	Cum	2	139.00	0.90	0.75	187.65		
	Graveyard road	Cum	1	120.00	0.90	0.75	81.00		
	CC road				av.				
	Kodigehalli cross road towards school	Cum	1	35.00	8.00	0.30	84.00		
	Graveyard road	Cum	1	41.50	5.00	0.30	62.25		
		Cum					414.90	189.74	78723.00
	Basic Rate	179.00							
	Area Weightage @ 6%	10.74							
	Total	189.74							
40	KSRB 2.8: Providing and filling in foundation with granite / trap broken metal 100mm, and downsize and with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all leaed and lift.,, complete as per specfications (Page No. 7, Item No. 2.15 PWDSR 2018-19)								
	RCC drain								
	Kodigehalli cross road towards school	Cum	2	139.00	0.90	0.15	37.53		
	Graveyard road	Cum	1	120.00	0.90	0.15	16.20		
		Cum					53.73	2574.74	138341.00
	Basic Rate	2429.00							
	Area Weightage @ 6%	145.74							
	Total	2574.74							
41	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs using 40mm and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (Page No. 13, Item No. 4.3, PWDSR 2018-19)								
	RCC drain								
	Kodigehalli cross road towards school	Cum	2	139.00	0.90	0.15	37.53		
	Graveyard road	Cum	1	120.00	0.90	0.15	16.20		
	CC road	Cum							
	Kodigehalli cross road towards school	Cum	1	35.00	8.00	0.15	42.00		
	Graveyard road	Cum	1	41.50	5.00	0.15	31.12		
	[illegible]	Cum	2	40.00	0.75	0.15	9.00		

	Description	Unit	No.	L	B	D	Qty	Rate	Amount
		Cum					135.85	5408.12	734693.00
	Basic Rate	5102.00							
	Area Weightage @ 6%	306.12							
	Total	5408.12							
42	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page No.15, Item No. 4.31, PWD SR 2018-19)								
	Kodigehalli cross road towards school	Sqm	8	139.00		0.900	1000.80		
	Graveyard road	Sqm	4	120.00		0.900	432.00		
	Total						1432.80	379.48	543719.00
	Basic Rate	358.00							
	Area Weightage @ 6%	21.48							
	Total	379.48							
43	KSRB 4.9.2: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (Page No. 19, Item No. 4.46.2, PWD SR 2018-19)								
	Along the drain, 10mm dia bar								
2	Kodigehalli cross road towards school	kg	16	138.80	@	0.62	2753.79		
1	Graveyard road	kg	16	119.80	@	0.62	1188.41		
	across the drain, 10mm dia bar								
2	Kodigehalli cross road towards school	kg	926	2.40	@	0.62	2755.77		
1	Graveyard road	kg	799	2.40	@	0.62	1188.91		
	Total	kg					7886.88		
	Total	Tonne					7.88	75255.76	593015.00
	Basic Rate	70996.00							
	Area Weightage @ 6%	4259.76							
	Total	75255.76							
44	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC) for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. (Page No. 18, Item No. 4.49.1, PWD SR 2018-19)								
	RCC drain								
	bottom portion								
	Kodigehalli cross road towards school	cum	2	139.00	0.90	0.15	37.53		
	Graveyard road	cum	1	120.00	0.90	0.15	16.20		
	Side walls								
	Kodigehalli cross road towards school	cum	4	139.00	0.15	0.900	75.06		
	Graveyard road	cum	2	120.00	0.15	0.900	32.40		
	Total						161.19	5770.64	930169.00
	Basic Rate	5444.00							
	Area Weightage @ 6%	326.64							
	Total	5770.64							
45	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate)								
	Kodigehalli cross road towards school	Sqm	2	139.00	0.90		250.20		

	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Graveyard road	Sqm	1	120.00	0.90		108.00		
							358.20	2337.00	837113.00
46	Providing and fixing precast solid cement concrete kerb stones of size 450x200x400 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete (PWDSR 2018-19, P. 27, I. 5.29.1)								
	Kodigehalli cross road towards school	Rm	2	139.00			278.00		
	Graveyard road	Rm	1	120.00			120.00		
	Sub Total	Rm					398.00		
		No.			/0.45		884.00	477.00	421668.00
	Basic Rate Rs.	450.00							
	Area Weightage @ 6%	27.00							
	Total	477.00							
47	Providing and applying ready mix priming coat over concrete / masonry / asbestos cement shet / plastered surfaces including preparing the surfacwe after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sannd papering including cost of materials, labour complete as per specifications. (PWDSR 2018-19, P. 124, I. 15.80)								
	Kodigehalli cross road towards school	Sqm	2	139.00		0.45	125.10		
	Graveyard road	Sqm	1	120.00		0.45	54.00		

	Description	Unit	No.	L	B	D	Qty	Rate	Amount
							179.10	39.22	7024.00
	Basic Rate	37.00							
	Area Weightage @ 6%	2.22							
	Total	39.22							
48	Providing and applying spray painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfadces with flat waall paint of approved brand to give even shade after cleaning the surfacew of all dirt, dust and other foreign matter and sand papering including cost of amaterials, labour complete as per specifications (PWDSR 2018-19, P. 124, I. 15.81)								
	Qty vide item no.	Sqm					179.10		
							179.10	90.10	16137.00
	Basic Rate	85.00							
	Area Weightage @ 6%	5.10							
	Total	90.10							
49	KSRB- 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregares @ 0.43 cum with superplastisiser @ 3lts confirming to IS9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2. (Page No. 13, Item No. 4.5, PWD SR 2018-19)								
	CC road								
	Kodigehalli cross road towards school	Cum	1	35.00	8.00	0.15	42.00		
	Graveyard road	Cum	1	41.50	5.00	0.15	31.12		
	for pipeline refilled work	Cum	2	40.00	0.75	0.15	9.00		
		Cum					82.12	5647.68	463787.00
	Basic Rate	5328.00							
	Area Weightage @ 6%	319.68							
	Total	5647.68							
50	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift. (Page No. 176, Item No. 22.7, PWD SR 2018-19)								
	Kodigehalli cross road towards school	Sqm	1	35.00	8.00		280.00		
	Graveyard road	Sqm	1	41.50	5.00		207.50		
		Sqm					487.50	72.08	35139.00
	Basic Rate	68.00							
	Area Weightage @ 6%	4.08							
	Total	72.08							
51	Providing groove cutting for width of 5mm to 10mm and depth 80mm -100mm including cost of cutting machine , generater &HOM of machinery ,including cost of blade , coolant etc ., including cleaning of groove &providing sand and hot bitumen fillars and filler metal etc., including cost of conveyance of all materials , labour lead and lift charges and all other incident charges as per drawing. (Page No. 176, I. 22.8.1, [illegible]								
	Kodigehalli cross road towards school	Rm	2	8.00			16.00		
	Graveyard road	Rm	2	5.00			10.00		
							26.00	143.10	3721.00
	Basic Rate Rs	135.00							
	Area Weightage @ 6%	8.10							
	Total	143.10							
52	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)								

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amou
	Qty at 85% of item no. 4	Cum	0.85	707.19			601.11		
	Total			414.90			601.11	87.56	52631.00
	Basic rate for haulage of materials as per item no.17.4 page 136) Rs. 2.00						352.66		308 77.00
	Average weight of earth 1.28 tonne / kg for 2.00X1.28X10.00	25.60							
	Add loading and unloading Vide item no.17.1 P.no.134	57.00							
		82.60							
	Area Weightage @ 6%	4.96							
	Total	87.56							
									6333134.00
53	Sub Total-1								6465066.0
54	Add KRIDL charges at 3% and 1% for Labour cess (of sub total-1)							253325=00	258603.0
	DPR Charges (1% of Estimated Cost)								75000=00
55	Add GST charges @ 12% of sub total-1							759976=00	775808.0
	Project Managment & Consultancy Charge (1% of Estimate Cost)								75000=00
56	Miscellaneous & Rounding off							L/S 3565=00	523.00
	Total Rs								7500000.00
	Rupees Seventy Five Lakhs Only								

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2018-19
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.
5 This work has not been taken previously under any other grant.

Assistant Engineer
Ward no. 8
Kodigehalli

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP

Executive Engineer
Byatrayanapura Division
BBMP

ADMINISTRATIVE APPROVAL

Accorded For Rs. 75.00, Seventy Five Lakhs only

Head of A/c. P3727, SC-SP/TSP

Div. Ref. No. 70 | 19-20 Date 24-10-19

AE 24/10

EE(BTP) 24/10

Technical Sanction
Accorded For Rs 75 lakhs only
Head of A/C P3727
CER NO : 154 Dt: 28.10.2019

[TA] CE (YNK)